

Figure 1A

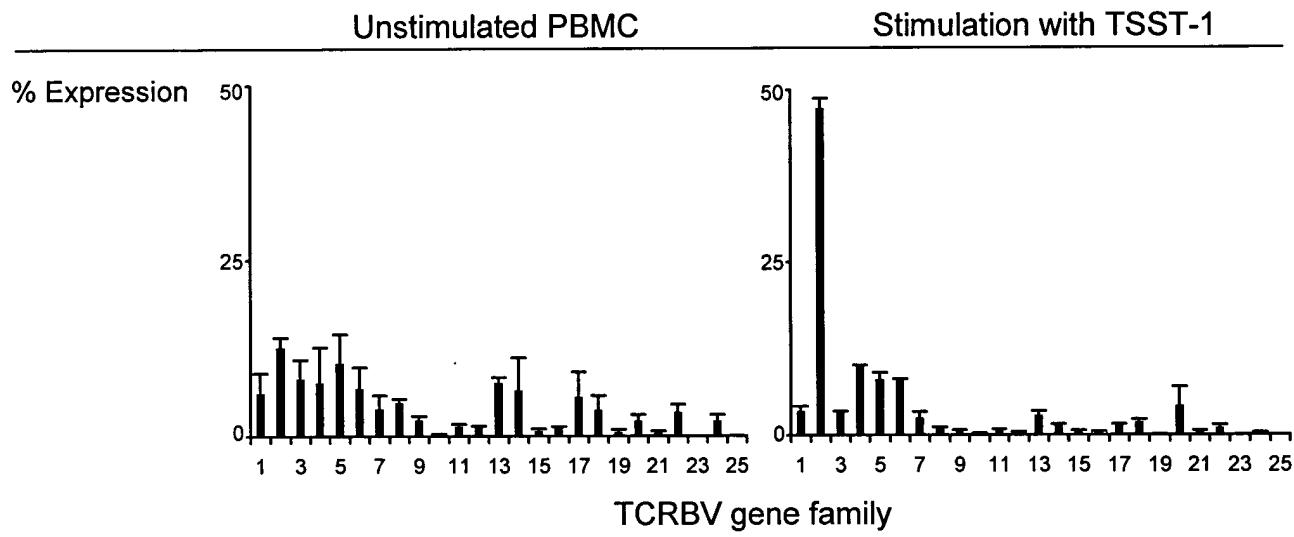
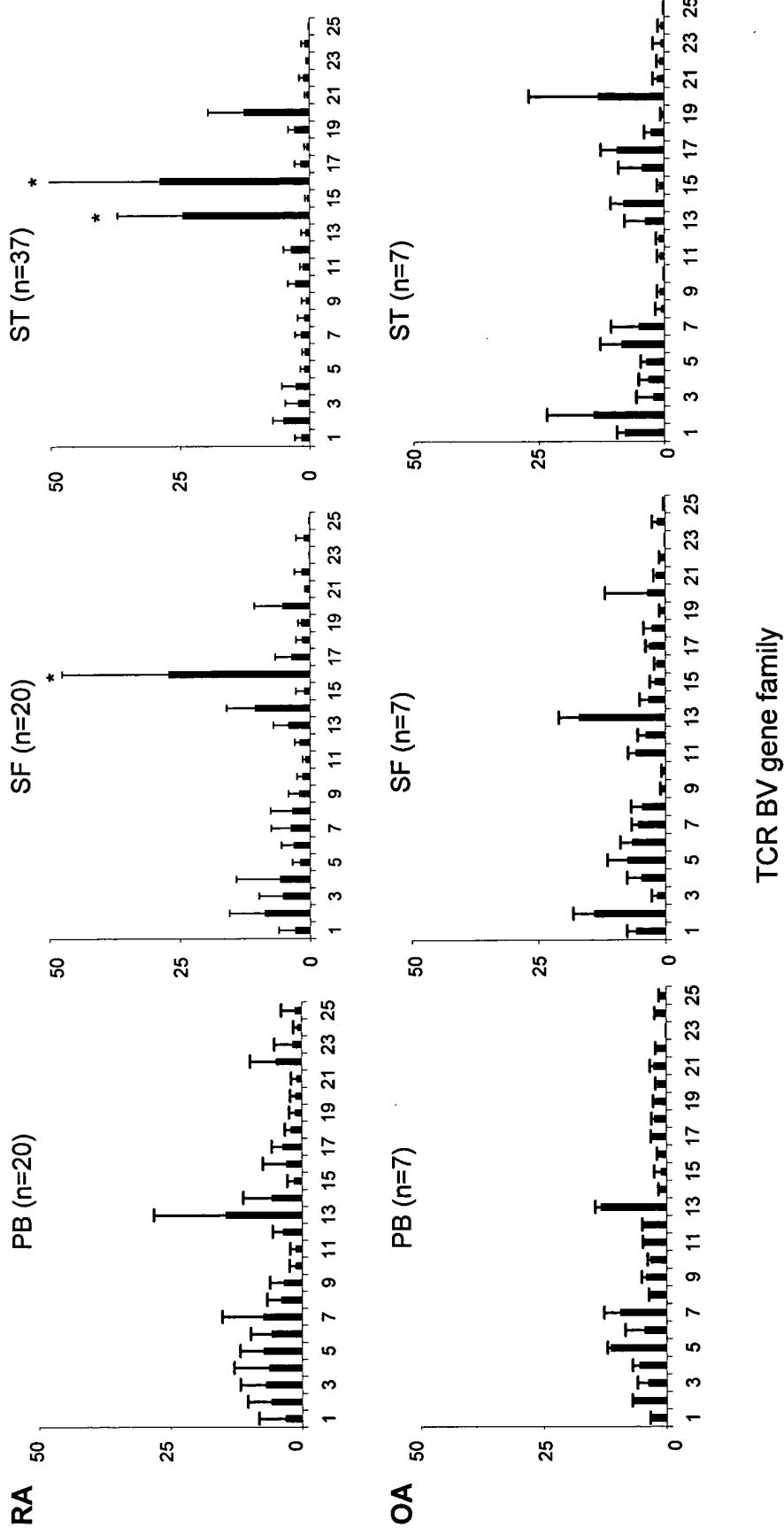


Figure 1B



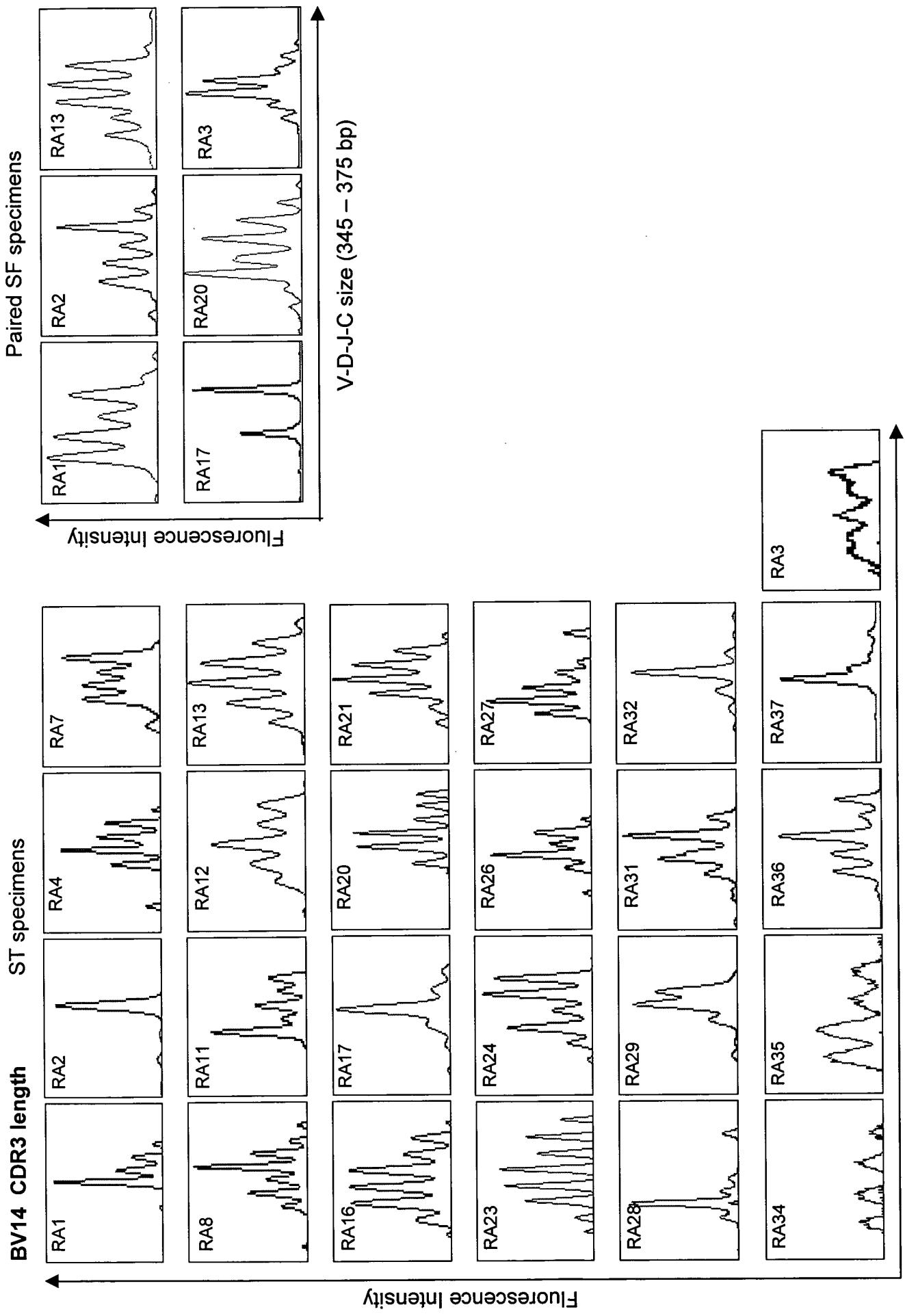
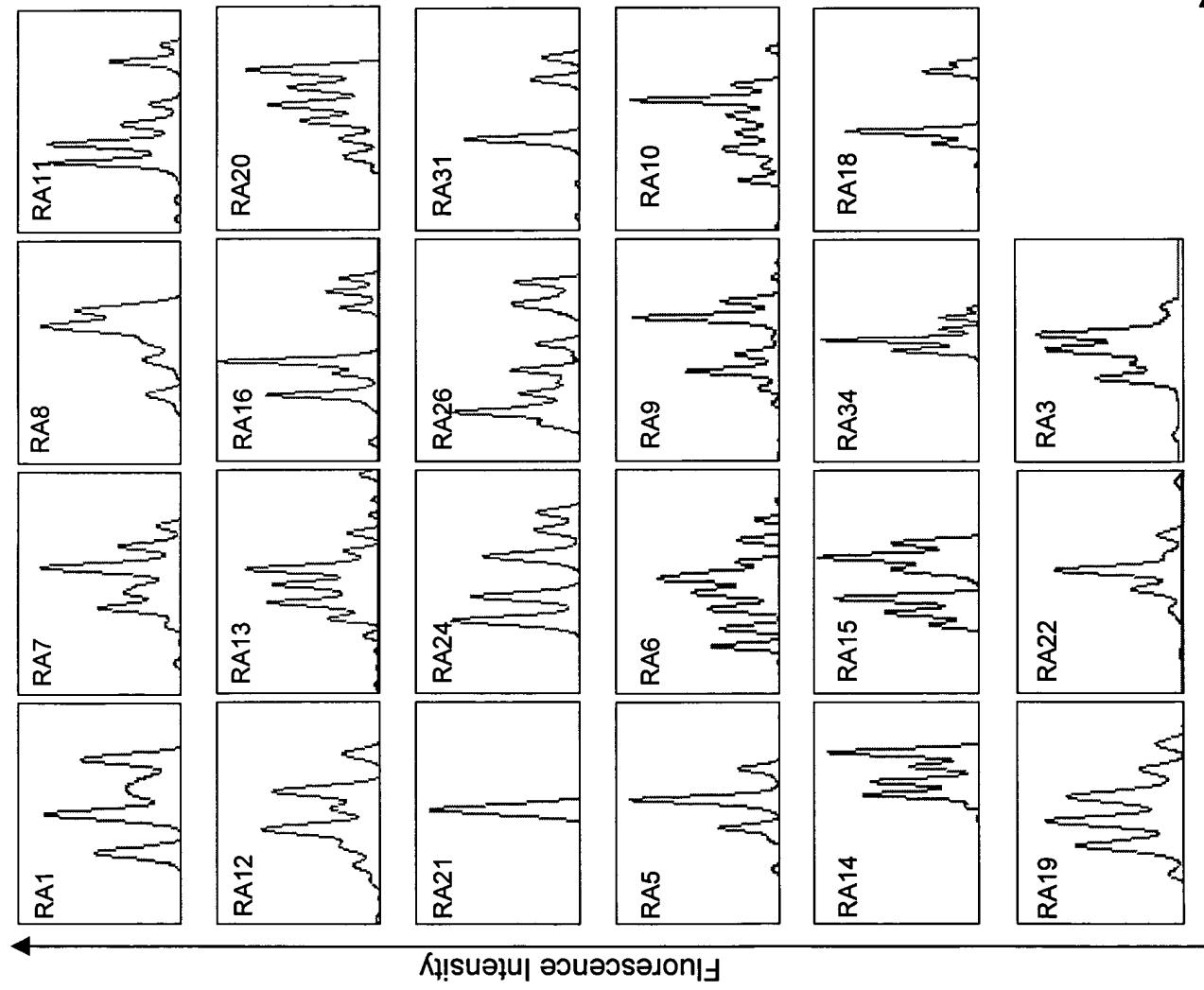


Figure 3

RA BV16 CDR3 length

Paired SF specimens

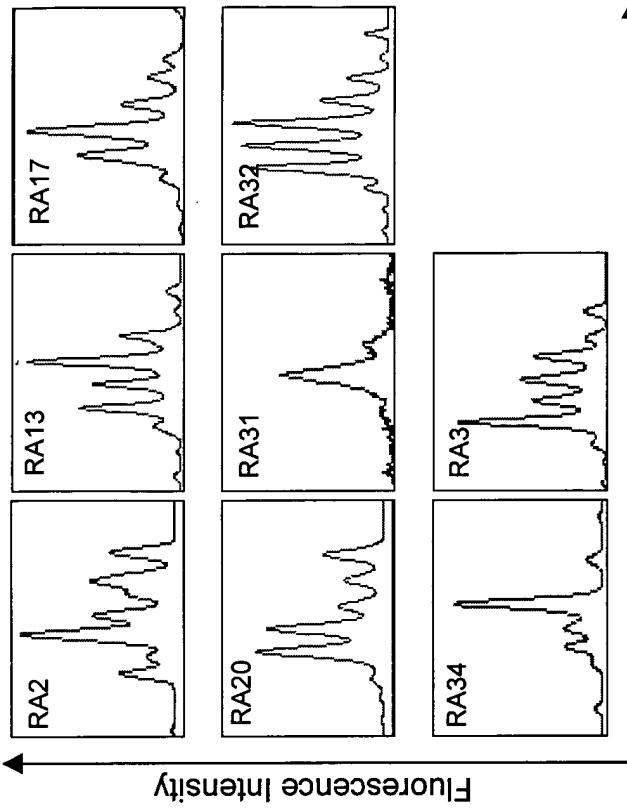


V-D-J-C size (345 – 375 bp)

Figure 4

V-D-J-C size (345 – 375 bp)

Fluorescence Intensity



Fluorescence Intensity

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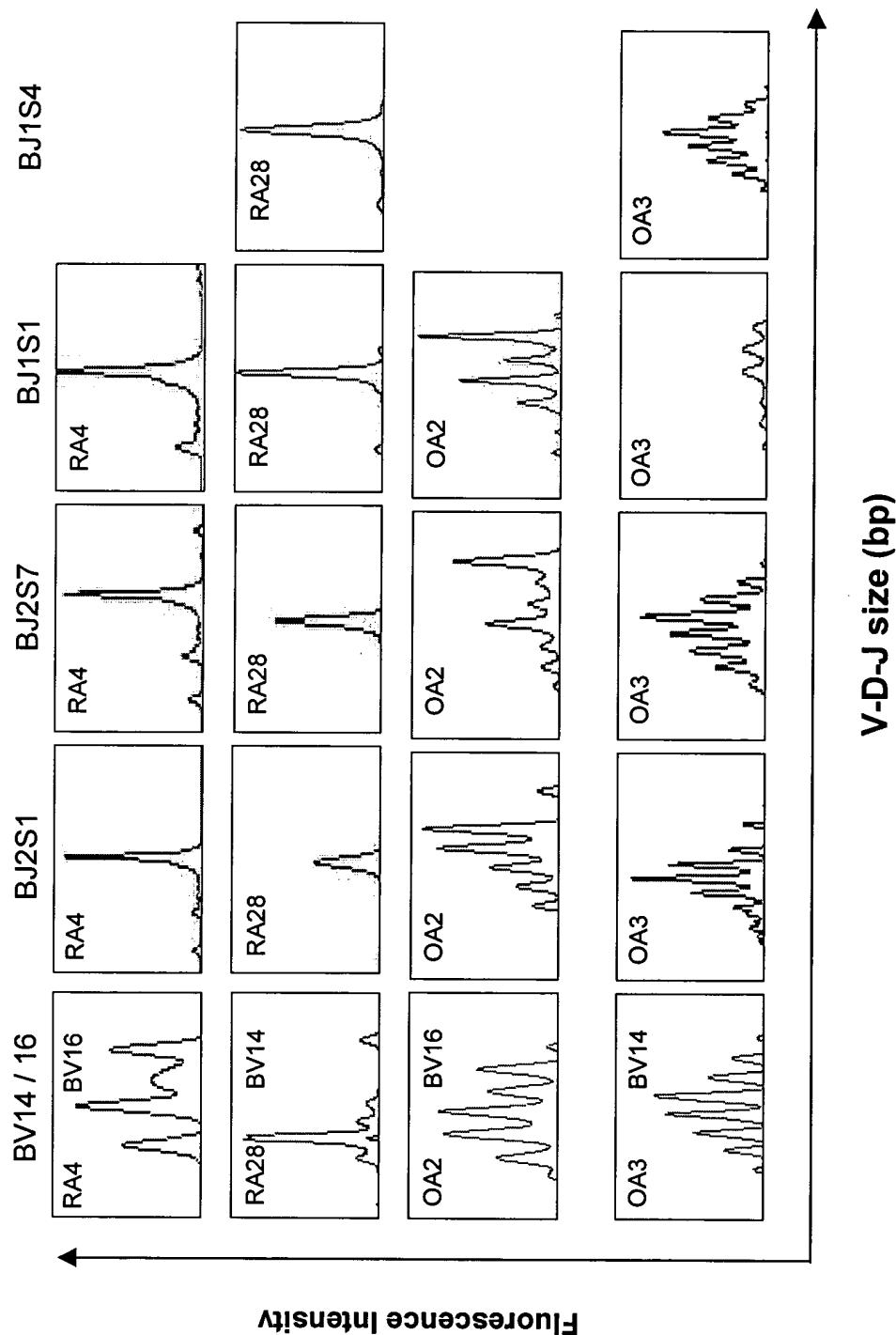
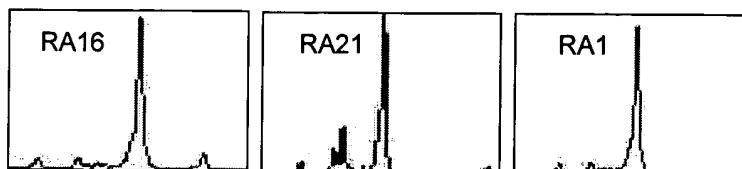


Figure 5

BV16

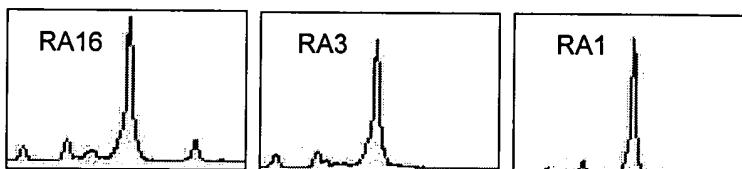
Clonotype 1

BV16 – BJ2S1
CDR3 length 24 bp



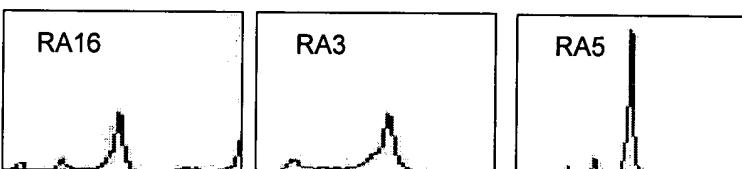
Clonotype 2

BV16 – BJ2S7
CDR3 length 21 bp



Clonotype 3

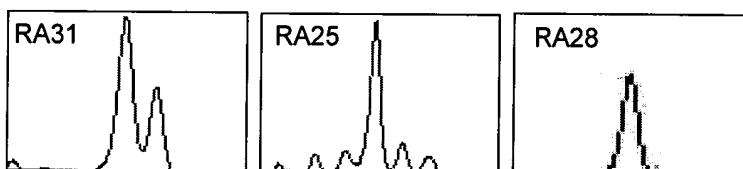
BV16 – BJ1S1
CDR3 length 15 bp



BV14

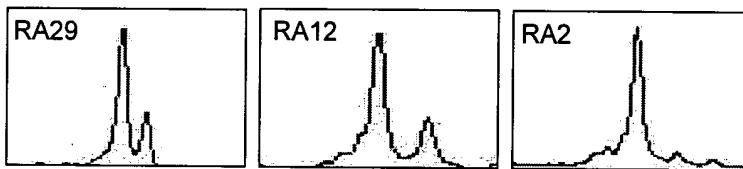
Clonotype 1

BV14 – BJ2S1
CDR3 length 24 bp



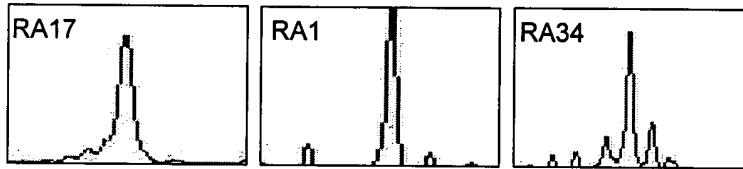
Clonotype 2

BV14 – BJ2S7
CDR3 length 21 bp



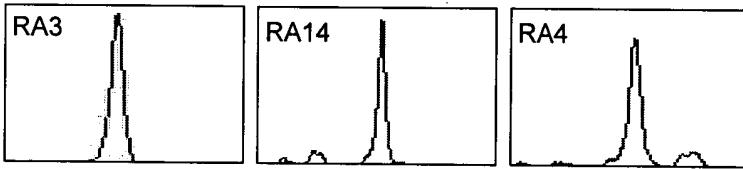
Clonotype 3

BV14 – BJ1S1
CDR3 length 15 bp



Clonotype 4

BV14 – BJ1S4
CDR3 length 15 bp



V-D-J size (bp)

Figure 6